

Title (en)  
Recombinant trimeric 4-1BBL

Title (de)  
Rekombinanter trimerer 4-1BB Ligand

Title (fr)  
Ligand recombinant trimeric de 4-1BB

Publication  
**EP 1736482 A1 20061227 (EN)**

Application  
**EP 05291319 A 20050620**

Priority  
EP 05291319 A 20050620

Abstract (en)  
The invention relates to recombinant 4-1 BBL polypeptides comprising the whole extracellular domain of native 4-1 BBL, and a cross-linkable peptide domain. These recombinant polypeptides are able to associate into homotrimers. Said homotrimers have an inhibitory effect on the proliferation of T-lymphocytes. These homotrimers can be complexed or linked to a solid support through their cross-linkable domains. These cross-linked recombinant 4-1 BBL homotrimers have a costimulatory activity on T lymphocytes. The non-crosslinked form of trimeric recombinant 4-1 BBL can be used for inhibiting the proliferation of T-lymphocytes, while the crosslinked form can be used for activation and expansion of T lymphocytes.

IPC 8 full level  
**C07K 14/52** (2006.01); **C12N 5/00** (2006.01); **C12N 15/62** (2006.01)

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**C07K 14/52** (2013.01); **A61K 38/00** (2013.01); **C07K 2319/00** (2013.01); **C07K 2319/70** (2013.01)

Citation (search report)  
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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

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